AMENDMENT UNDER 37 C.F.R. § 1.111 Attorney Docket No.: Q93879

Application No.: 10/574,618

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the

application:

LISTING OF CLAIMS:

(original): A pneumatic radial tire comprising a radial carcass, a belt disposed

outside a crown portion of the carcass in a radial direction and comprised of at least two belt

layers, and a belt reinforcing layer disposed outside the belt in the radial direction, characterized

in that the belt reinforcing layer is formed by continuously and spirally winding a polyethylene

terephthalate cord(s) in a circumferential direction of the tire, and this cord has an elastic

modulus of not less than 2.5 mN/dtex-% under a load of 29.4 N measured at 160°C.

(previously presented): A pneumatic radial tire according to claim 1, wherein the

cord is treated with an adhesive composition comprising a thermoplastic polymer (A), a heat-

reactive aqueous polyurethane resin (B) and an epoxy compound (C), wherein a main chain of

the thermoplastic polymer (A) does not substantially have an addition-reactive carbon-carbon

double bond but has at least one crosslinkable functional group as a pendant group.

(previously presented): A pneumatic radial tire according to claim 1, wherein the

cord is treated with an adhesive composition comprising a thermoplastic polymer (A), a heat-

reactive aqueous polyurethane resin (B), an epoxy compound (C) and a rubber latex (D), wherein

a main chain of the thermoplastic polymer (A) does not substantially have an addition-reactive

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earton-carbon double bond but has at least one crosslinkable functional group as a pendant group.

- 4. (currently amended): A pneumatic radial tire according to claim 2, wherein the main chain of the thermoplastic polymer (A) is composed of an ethylenically addition polymer mainly having a straight-chain structure and/or a polyurethane based polymer, and the crosslinkable functional group as a pendant group is at least one selected from the group consisting of an oxazoline group, a bismaleimido group, [[a]]-(blocked) an isocyanate group, an aziridine group, a carbodiimido group, a hydrazino group, an epoxy group and an epithio group.
- 5. (currently amended): A pneumatic radial tire according to claim 1, wherein the cord is subjected to an adhesive <u>dip</u> treatment (dip treatment) under a tension of not less than 6.9×10² N/dtex.
- (currently amended): A pneumatic radial tire according to claim 1, wherein the cord has a twisting coefficient α of 500-2500 defined by the following equation (I):

$$\alpha = T \times D^{1/2} \cdot \cdot \cdot \cdot \cdot (I)$$

 $\label{eq:coefficient} \begin{tabular}{l} [[(]] wherein α is a twisting coefficient, T is a twisting number and D is a total fineness (dtex) of the cord[[)]]. \end{tabular}$

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(original): A pneumatic radial tire according to claim 1, wherein the cord has an
elongation percentage of not more than 2% in the tire after vulcanization with respect to an
original length of the cord before vulcanization.

- (original): A pneumatic radial tire according to claim 1, wherein the cord has a total fineness of 1000-3500 dtex.
- 9. (currently amended): A pneumatic radial tire according to claim 3, wherein the main chain of the thermoplastic polymer (A) is composed of an ethylenically addition polymer mainly having a straight-chain structure and/or a polyurethane based polymer, and the crosslinkable functional group as a pendant group is at least one selected from the group consisting of an oxazoline group, a bismaleimido group, [[a]] (blocked) an isocyanate group, an aziridine group, a carbodiimido group, a hydrazino group, an epoxy group and an epithio group.
- 10. (new): A pneumatic radial tire according to claim 2, wherein the main chain of the thermoplastic polymer (A) is composed of an ethylenically addition polymer mainly having a straight-chain structure and/or a polyurethane based plymer, and the crosslinkable functional group as a pendant group is at least one selected from the group consisting of an oxazoline group, a bismaleimido group, a blocked isocyanate group, an aziridine group, a carbodimido group, a hydrazine group, an epoxy group and an epithio group.
- (new): A pneumatic radial tire according to claim 3, wherein the main chain of the thermoplastic polymer (A) is composed of an ethylenically addition polymer mainly having a

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straight-chain structure and/or polyurethane based polymer, and the crosslinkable functional group as a pendant group is at least one selected from the group consisting of an oxazoline group, a bismaleimido group, a blocked isocyanate group, an aziridine group, a carbodiimido group, a hydrazine group, an epoxy group and an epithio group.

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